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Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Maximum Match 100%
Listing first 45 s
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Run on:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Searched:
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              IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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2274
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Copyright (c) 1993 - 2000 Compugen Ltd.
/cgnl_7/ptodata/1/pna/US084_COMB.seq:*
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pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

C C C 40 C C 42 C C 42 C 42 C 42 C 42 C 42 C 42	C 33433333322222226 C 33554333333333333333333333333333333333	c 233		Result No. c 1 2 3
44 0000000000	55555555555555555555555555555555555555	5 555555 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ាហាហាហាហាហាហា	Score 58.8 58.2 57.8 56.6
				Query Match 2.6 2.5 2.5 2.5
423 423 423 498 86748 594	1998 573 902 1527 1527 445 445 484 484 484 484 484 484 15016	9551081444	107	9t 42 61 39
25 25 25 25 25 25	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24 46 46 17 17 18 18	1 227 27 35 35 35	DB 28 51 22 22 26
\$-09-565-306-68 \$-09-654-617-33 \$-09-684-016-33 \$-60-197-872-33 \$-60-197-859-66 \$-09-534-859-66 \$-60-207-458-60	-0599-26796-345 -60-211-750-9818 -09-739-449-1929 -0599-26796-254 -09-406-292A-524 -60-207-458-1451 -60-209-830-1978 -09-304-517A-271 -09-304-617-7397 -09-654-617-7397 -09-684-016-7397 -09-684-016-7397 -09-684-016-7397	S - 09 - 620 - 392 - 14 S - 09 - 702 - 134 - 46 S - 60 - 144 - 351 - 27 - 08 - 466 - 194 - 14 S - 09 - 397 - 761 A - 2 S - 09 - 662 - 254 - 26 S - 09 - 397 - 761 A - 2 S - 09 - 397 - 761 A - 2 S - 09 - 652 - 127 - 52 S - 09 - 652 - 127 - 52 S - 60 - 207 - 458 - 36	T-US99-26796-320 T-US99-26796-320 S-09-684-017-4287 S-09-684-016-4287 S-09-565-306-2611 T-US99-26796-238 T-US99-26796-238 S-60-068-228-325 S-60-038-081-318 S-60-038-081-318	 705-926-16 705-926-27 197-872-73 197-872-73 553-094-12 9-26796-39 662-254-27
, 1	345, 9818 1929 554, 1451 1451 11978 11978 2716 2716 2716 2716 27397 7397 7397 7397	Sequence 1405 Sequence 2763 Sequence 14, Apsequence 17, Apsequence 27, Apsequence 25, Apsequence 2503 Sequence 2503 Sequence 2594, Sequence 38621	320, 4287 4287 2611 2611 238, 325, 325, 323,	Description Sequence 16876, A Sequence 73058, A Sequence 321, App Sequence 27, App1

ALIGNMENTS

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CURRENT APPLICATION NUMBER: US/09/705,926
CURRENT FILING DATE: 2000-11-06
NUMBER OF SEO ID NOS: 21634
SEQ ID NO 16876
LENGTH: 535
TYPE: DNA
GORGANISM: Lycopersicon esculentum
US-09-705-926-16876
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; Sequence 16876, Application US/09705926
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Best Local S
Matches 184
                       FILE REFERENCE: 58-21(51892)A
CURRENT APPLICATION NUMBER: US/60/197,872
CURRENT FILING DATE: 2000-04-19
NUMBER OF SEQ ID NOS: 76255
SEQ ID NO 73058
                                                                                                                                                                                         Sequence 73058, Application US/60197872
GENERAL INFORMATION:
APPLICANT: Bougri, Olegs
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                                                                                                 TITLE OF INVENTION: Plants
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APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION:
FILE REFERENCE: 38-21()
                                                                                                                                APPLICANT:
                                                                                                                                                             APPLICANT:
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TYPE: DNA
            LENGTH:
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nes 184; Conserv
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                                                                                                               Shukla, Hridayabhiranjan Nucleic acid
                                                                                                                                                                         Byrum, Joseph
                                                                                                                                            La Rosa,
                                                                                                                                                            De La Pena, Robert C.
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                                                                                                                                            Thomas J
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                                                                                                                   Molecules and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 535;
                                                                                                                  Other molecules associated
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FILE OF INVENTION: Plants
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/553,094
CURRENT FILING DATE: 2000-04-18
NUMBER OF SEQ ID NOS: 18831
SEQ ID NO 12310
LENGTH: 617
TYPE: DNA
ORGANISM: Zea mays
ORGANISM: Zea mays
ORGANISM: Clone ID: LIB3061-099-Q1
US-09-553-094-12310
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                                                                                                                                                                                            Sequence 12310, Appl GENERAL INFORMATION:
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Best Local Similarity 48.4%;
Matches 162; Conservative
                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                          1931
                                                                                                                                                                 1811 ataatttaacattgagaaaaacggtgactggtttagctggtgacagaactaaaagatttcc 1870
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                  gtttaacacttcaaggtttaccagaaggttattcttaccttgtcaaagaaacagattctg 2050
                                                              attttgaaattgaattaaaaaataataagcaagaattgctttctcaaactgttaaaacag 1930
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Fisher,
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                                                                                                                                                                                                                                                                                                                                                                                                                       Dane K
                                                                                                                                                                                                                   2.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Scott
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Pred. No. 0.04;
0; Mismatches
                                                                                                                                                                                                       Score 57.8; Di
Pred. No. 0.05
0; Mismatches
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PCT-US99-26796-392
| Sequence 392, Application PC/TUS9926796
| GENERAL INFORMATION:
| APPLICANT: United States Government as Represented by APPLICANT: Secretary of the Navy
| TITLE OF INVENTION: Chromosome 2 Sequence of Human Mal
| TITLE OF INVENTION: Diasmodium Falciparum and Proteins
| TITLE OF INVENTION: Chromosome Useful in Anti-malarial
| TITLE OF INVENTION: Diagnostic Reagents
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: PCT/US99/26796
CURRENT FILING DATE: 1999-11-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 4677
TYPE: DNA
ORGANISM: Plasmodium falciparum
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les 416; Conserv
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actttagcagttgctaaaatccttgtagaatacgctcaagatagtaatcctccacagcta 1683
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                                      gc---attaggcatggatgaagaacaaatgaaaacaagaaaaaaagctcaaagacctaaa 3786
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Best Local Similarity 44.0%;
Matches 427; Conservative
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APPLICANT:
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CURRENT APPLICATE: 2000-09-14
CURRENT FILING DATE: 2000-09-14
NUMBER OF SEQ ID NOS: 27
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TITLE OF INVENTION: Materials and Methods for Delivery and Expression of Heterol
TITLE OF INVENTION: in Vertebrate Cells
FILE REFERENCE: UF-221C1XC1
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                                                                                                        aaataaaaatggaagttcacaggttgtctattgctttaatgcagatctaaaatctccacc
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                                                                                                                                                                                                                                                                                                                                           RESULT 6
PCT-US99-26796-320
                                                                                                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                         Sequence 320, Application PC/TUS9926796
GENERAL INFORMATION:
APPLICANT: United States Government a
Query Match
Best Local Similarity
                                                                                                                         SEQ ID NO 320
                                                                                                                                                                       CURRENT APPLICATION NUMBER: PCT/US99/26796
CURRENT FILING DATE: 1999-11-05
                                                                                                                                        NUMBER OF SEQ ID NOS: 420 SOFTWARE: PatentIn Ver. 2.
                                                                                                                                                                                                                                                                             APPLICANT: United States Government as Represented APPLICANT: Secretary of the Navy
                                                              TYPE: DNA
ORGANISM: Plasmodium
-US99-26796-320
                                                                                                          LENGTH: 11922
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4

US-09-654-617-428715/c US-09-654-617-428715/c Sequence 428715, Application US/09654617 GENERAL INFORMATION:

APPLICANT:

Liu,

Kovalic, Jingdong

David

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aaatcaacaaaaaatgaact 11180
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; TYPE: DNA
; ORGANISM: Oryza sativa
US-09-684-016-428715
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US-09-654-617-428715
                                          NUMBER OF SEQ ID NOS:
SEQ ID NO 428715
LENGTH: 591
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Sequence 428715, Application US/09684016
GENERAL INFORMATION:
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SEQ ID NO 428715
LENGTH: 591
TYPE: DNA
                                                                             FILE REFERENCE: 38-11(15097)D
CURRENT APPLICATION NUMBER: US/09/684,016
CURRENT FILING DATE: 2000-10-10
PRIOR APPLICATION NUMBER: US 09/654,6
PRIOR FILING DATE: 2000-09-05
NUMBER OF COS.
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Best Local Similarity 45.8%;
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                                                                                                                                                              APPLICANT: Kovalic, APPLICANT: Liu, Jingdong TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE OF INVENTION: Annotated Plant Genes FILE REFERENCE: 38-21(15097)D CURRENT APPLICATION NUMBER: US/09/654,617 CURRENT FILING DATE: 2000-09-05
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2000-09-05
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; NUMBER OF SEQ ID NOS: 83523

; SEQ ID NO 26113

; LENGTH: 570

; TYPE: DNA

; ORGANISM: Zea mays

; OTHER INFORMATION: Clone ID: cC-zmle189094g12d1

US-09-565-306-26113
                                                                                                                                                                                                                                                                                                                                                                 US-09-565-306-26113; Sequence 26113, Application US/09565306; GENERAL INFORMATION:
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Best Local Similarity
Matches 230; Conserv
                                                                                                                 Query Match
Best Local Similarity
                                                                                                        Matches 193;
                                                                                                                                                                                                                                                                                        APPLICANT: Andersen, Scott I
APPLICANT: Conner, Timothy W.
APPLICANT: Lalgudi, Raghunath V.
TITLE OF INVENTION: Nucleic
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(15459)
                                                                                                                                                                                                                                                             FILE REFERENCE: 38-21(15459)C CURRENT APPLICATION NUMBER: US/09/565,306 CURRENT FILING DATE: 2000-05-04
               1812 taatttaacattgagaaaaacggtgactggtttagctggtgacagaactaaagatttcca 1871
                                                                1752 agaagatttagttgatattattcgtatggaagataaaaaagaagttatacctgtaactca 1811
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TTGCTAACATCCTTAAAAACAT
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                                                                                                                 2.48;
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45.8%;
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                                                                                                                 Score 55.4; DB Pred. No. 0.18;
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                                                                                                       Mismatches
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                                                                                                                              DB 22;
                                                                                                        206;
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SEQ ID NO 4371
LENGTH: 636
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APPLICANT: Wing, Rod A. APPLICANT: Dean, Ralph A.
                                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wing, Rod A.
APPLICANT: Dean, Ralph A.
TITLE OF INVENTION: GENOMIC
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: source
LOCATION: (1)..(636)
OTHER INFORMATION: /clone="nbxb0012dH10.g"
NAME/KEY: misc_feature
LOCATION: (1)..(118)
OTHER INFORMATION: High quality region
                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (1)..(636)
OTHER INFORMATION: n =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                 cagataaaacaaacctcgaatttaaagatggtaaagcaaccattaatttaaaacatgggg 1987
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RESULT 11
pcT-US99-26796-238
; Sequence 238, Application PC/TUS9926796
; GENERAL INFORMATION:
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SEQ ID NO 238
LENGTH: 5940
TYPE: DNA
ORGANISM: Plasmodium falciparum
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Best Local Similarity
Matches 294; Conserv
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CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 420
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TITLE OF INVENTION:
FILE REFERENCE:
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                                                               1834 gtgactggtttagctggtgacagaactaaagatttccattttgaaattgaattaaaaaat 1893
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Chromosome Useful in Anti-malarial Vaccines and
Diagnostic Reagents
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US-60-068-228-325
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Best Local Similarity
Matches 196; Conserv
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                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (650) 845-4166 INFORMATION FOR SEQ ID NO: 3
1767 tattattcgtatggaagataaaaaagaagttatacctgtaactcataatttaacattgag 1826
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                                                                             1707 gaataacaataaatatcaatctcttattggaactcagtggcatccagaagatttagttga 1766
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REFERENCE/DOCKET NUMBER: PM
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/60/068,228
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MEDIUM TYPE: Floppy disk
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WENTION: NUCLEOTIDE SEQUENCES OF STAPHYLOCOCCUS
WENTION: EPIDERMIDIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF
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Heath, Joe D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 318, Application US/60038081 GENERAL INFORMATION:
                                                                                                                                                     TELEPHONE: (415) 855-0555
TELEFAX: (415) 845-4166
INFORMATION FOR SEQ ID NO: 31
                                                                                                                                                                                                                                                                                                                      SOFTWARE: WORD PETECT 6.1 for Windows/MS-DOS CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/60/07p ^^*
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Corley, N
APPLICANT: Russo, Fr
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1947
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IMMEDIATE SOURCE:
CLONE: SE1c0318
                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: CERRONE, MICHAEL C.
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2045
                                     MOLECULE TYPE:
                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
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                                                       TOPOLOGY:
                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 3174 POI
CITY: PALO ALTO
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                                                                                                             LENGTH:
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                                                       linear
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                                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUCLEOTIDE SEQUENCES OF STAPHYLOCOCCUS EPIDERMIDIS GENOME, FRAGMENTS THEREOF,
                                                                                                                                                     318:
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Best Local Similarity

196;

Conservative

0;

241;

Indels

0;

Gaps

0;

44.98;

Pred. No. 0.9; Mismatches

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US-60-046-933-323
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                                  Sequence 323, Application:
TELEFAX: (415) 845-416 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWARE: Word Perfect 6.1 for Windows/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/60/046,933
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                                                                                                                                                                                                                                                                                                                                                         CITY: PALO ALTO
STATE: CALIFORNI
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; ORGANISM: Oryza sativa
; OTHER INFORMATION: unsure at all n locations
US-09-620-392-14063
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; Sequence 14063, Application US/09620392
; GENERAL INFORMATION:
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                                                                                                                                                                                  SEQ ID NO 14063
ELENGTH: 1748
TYPE: DNA
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Best Local Similarity
Matches 196; Conserv
                                                   Matches 448;
                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/620,392
CURRENT FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                         APPLICANT: Liu, Jingdong APPLICANT: McIninch, James
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kovalic, David K.
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
1109 atactattattgatggaaaacagattgaaaaatcccaataaagagatagtagagccttact 1168
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IMMEDIATE SOURCE:
CLONE: SEP1c323
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
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                                                   Conservative
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                                                                                                                                                                                                                                                                                                          Plant Genome Sequence And Uses Thereof
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                                                   0;
                                                               Score 53.6; DB Pred. No. 0.59;
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Pred. No. 0.9;
                                                   Mismatches 594;
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                                                                                   DB 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 36;
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                                                     Indels
                                                                                   Length 1748;
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